

**OFFICE OF THE STATE CONTROLLER
PERSONNEL/PAYROLL SERVICES DIVISION**



**SERVICE CREDIT PURCHASE DEDUCTIONS INPUT
TRANSFORMATION
INTERFACE INFORMATION PACKAGE**



REVISION HISTORY			
REVISION #	DATE OF RELEASE	OWNER	SUMMARY OF CHANGES
1.0	11/02/2010	Liz James	Original Content
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I. INTRODUCTION

Employee elects to purchase the service credit with CalPERS and this information is stored in CalPERS's retirement system (PSR). CalPERS send this payroll deduction information to MyCalPAYS so that the appropriate deduction is taken for a specific number of deductions.

This inbound interface file from CalPERS is transformed from non-SAP format to SAP format of IT 0014 which is used to create, delete (cancel) or delimit service purchase deductions for all eligible employees on Infotype 0014 (Recurring Payments/Deductions).

The transformed file will then be loaded in to MyCalPAYS using the load utility program.

II. GENERAL INFORMATION

The following general requirements must be met in order to participate in the interface process:

- Continue to operate and maintain third party system beyond Go-Live.
- Set in place internal business practice changes or perform required system updates to third party internal system(s) to support the interface.
- Support testing activities for the interface.

III. TECHNICAL INFORMATION

- The file is generated in a single file format.
- Format is a fixed length.
- File encoding is ASCII.
- Server Type: Secure File Transfer Protocol (SFTP).

IV. RECORD FORMAT

The template layout of the inbound interface is explained below with details. The templates and sample files are also attached below in this section.

Frequency	<input type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Bi-weekly <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Ad-hoc <input type="checkbox"/> Annually <input type="checkbox"/> Other: _____
Direction	<input checked="" type="checkbox"/> Inbound <input type="checkbox"/> Outbound <input type="checkbox"/> Both
Source System	The CalPERS will send the transaction Input source file to MyCalPAYS.
Target System	ECC
Classification of Data	<input type="checkbox"/> Confidential <input checked="" type="checkbox"/> Sensitive
Data Volume Estimate	<input type="checkbox"/> One-time: _____ records <input checked="" type="checkbox"/> Recurring: 300 - 6000_ records every _month_
Scheduled	<input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual (User Started)
Data Time Period	<input type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Bi-weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Annually <input type="checkbox"/> Other: _____ Record Selection Scope: <input type="checkbox"/> New or Changed Records <input checked="" type="checkbox"/> All records
Selection Method of Records	<input type="checkbox"/> Allow user to select <input type="checkbox"/> Automatic (rules defined below) <input type="checkbox"/> Other: _____ Description:

Deleted Data	
Future Transactions	<p>Future transactions allowed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Description:</p>
Retroactive Transactions	<p>Retroactive transactions allowed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Description:</p>

SAP Module: ECC HCM-Payroll

Input File Format: .txt

Input File Name(s): Various (specifics during tech spec phase)

Frequency: Monthly

Est. Data Volume: File size can range from 300 records to 6000 records

Number of Upload Files: 100+

Grayed out fields are not needed in SAP & thus will be ignored on the inbound file

Source (PSR) Field Requirements					Mapping Requirements	Target (SAP) Field Requirements			
Source Field Name	Type	Max. Length	Target Screen	Optional?	Mapping Rule	SAP Table & Field	Type	Field Description	Comments
CalPERSId	String	10			Select PERNR from PA0185 where ICTYP = Z1 and ICNUM = CalPERSId. If there are multiple PERNRs corresponding to one CalPERSId then get the main assignment. Refer the FS to determine the main assignment.	PA0014-PERNR	NUMC	Personnel Number.	
First Name	String	20		X	SAP interface program will ignore this, as our key to IT0014 is just PERNR				

Middle Name	String	20		X	SAP interface program will ignore this, as our key to IT0014 is just PERNR				
Last Name	String	30		X	SAP interface program will ignore this, as our key to IT0014 is just PERNR				
Deduction Code	String	3			Get the wage type from the custom crosswalk table corresponding to the deduction code and org code mentioned in the FS.	PA0014-LGART	CHAR	Wage Type.	
Deduction Amount	Decimal	7			Amount	PA0014-BETRG	CURR	Amount.	
Deduction Type	String	1			"ADD" (i.e. Create in SAP) "DEL" (i.e. Delimit or Delete in SAP)			Deduction Type. A flag that identifies in SAP whether this will be a Create or Change/Delete to IT0014	
Effective Date	Date	10			Refer to the functional module for logic to determine what BEGDA to use. See	PA0014-BEGDA	DATS	Start Date.	yyyy-mm-dd

				Assumptions section in functional spec.				
End Date	Date	10		Refer to the functional module for logic to determine what ENDDA to use. See Assumptions section in functional spec.	PA0014-ENDDA	DATS	End Date.	
Number of Deductions	Integer	3		SAP interface program will ignore this field because CalPERS will send us a “Delete” Flag on field Deduction Type.				
Schedule ID	String	10			PA0014-ZUORD	CHAR	Assignment Number	
				See the functional spec for logic to derive Payment MODEL	PA0014-MODEL	CHAR	Payment Model	

Info-Type 0014 (Recurring Payments and Deductions):

Templates have been designed for creating the tab delimited files for the loading process. The template is color coded. These colors have the following meaning:

- Gray – **DO NOT FILL** these are in the template for structural consistency only. These fields will not be explained further as they should not be used.
- Red – these are required fields.

- Blue/Purple – these are optional. However, please make note that an amount must be entered for the row to have any relevance.

Data Element	Use/Description
RP50G-PERNR	Employee number (PERNR)
P0014-ENDDA	Effective start of the validity of the record
P0014-BEGDA	Effective end of the validity of the record
P0014-LGART	This is the wage type that will be paid or deducted from the employee
P0014-OPKEN	DO NOT USE
Q0014-BETRG	Amount to be paid or deducted
P0014-WAERS	Currency – set as USD
P0014-ANZHL	Number
Q0015-EITXT	Unit
DO NOT USE Q0014-INDBW	DO NOT USE
P0014-ZDATE	DO NOT USE
P0014-ZFPER	DO NOT USE
P0014-ZANZL	DO NOT USE
P0014-ZEINZ	DO NOT USE
P0014-ZUORD	Assignment Number (free form text field)
P0014-UWDAT	DO NOT USE
P0014-MODEL	Payment model defines which period(s) the wage types will be processed for based on customer configuration.
COBL-KOSTL	Cost Center if override being done
COBL-BUKRS	Company code if override being done
P0014-SEQNR	Key if more than one entry can be made for a wage type on the same day for an

	employee. If it is the first entry leave blank. And for additional entries increment by 1 (e.g. 01, 02, 03)
ZACTI	<p>This field will represent whether the record needs to be added, deleted or modified. The allowable values for this field:</p> <p>INS -- Insert</p> <p>DEL -- Delete</p> <p>MOD -- Modify</p>

Below is the sample tab delimited inbound file attached for infotype 0014.



0014.txt

V. FILE DEFINITIONS

The inbound file will be sent from CalPERS to MyCalPAYS which will be transformed to SAP format and loaded into MyCalPAYS. Listed below are the file definitions of the inbound file.

FIELD	Description	Type	R / O / C	Field Values	Length	Begin Index	End index	constraints
CalPERSId	CalPERS ID	String	R	N/A	10	-	-	
First Name	Employee First Name	String	O	N/A	20	-	-	
Middle Name	Employee Middle Name	String	O	N/A	20	-	-	
Last Name	Employee Last Name	String	R	N/A	30	-	-	
Deduction Code	Post Tax or Pre Tax indicator	String	R	004=POST TAX, 314=PRE TAX	3	-	-	
Deduction Amount	Dollar amount of each deduction	Decimal	R	N/A	17	-	-	Including two digits to the right of the decimal
Deduction Type	Indicates if the installment schedule is New or is being Deleted	String	R	SPS2089	3	-	-	ADD, DEL only
Effective Date	The date the payment schedule is effective	Date	R	N/A	10	-	-	yyyy-mm-dd
End Date	Schedule end date	Date	R	N/A	10	-	-	yyyy-mm-dd

Number of Deductions	Number of monthly deductions to be taken from member's paycheck	Integer	R	1-999	3	-	-	
Schedule ID	Schedule ID	String	R	N/A	10	-	-	

The inbound file will be transformed into the SAP format of Infotype 0014 whose field definitions are mentioned below.

Info type 0014

Personnel Number	Numc	Employee Personnel Number
End date	Numc	Pay period end date
Begin date	Numc	Pay period begin date
Wage type	Numc	Unique Wage type number
Indicator	Numc	Operation Indicator for Wage type
Amount	Numc	Wage type Amount
Currency	Char	Currency of the Amount sent on the file
Number	Numc	Number of hours
Unit	Char	Time/Measurement Unit
Blank	Char	Blank
Blank	Char	Blank

Blank	Char	Blank
Blank	Char	Blank
Blank	Char	Blank
Assignment Number	Numc	Unique Number Assigned to the transaction
Blank	Char	Blank
Payment Model withdrawn	Char	the payment model defines a time pattern in which deductions are and payments made.
Cost Center	Numc	Cost Center
Company Code	Char	Company Code
Sequence Number amount for the same time interval.	Numc	a unique sequence number if same wag type is passed with a different
Action or delete (DEL).	Char	an indicator to identify if the record needs to be insert (INS), modify (MOD)

VI. LEGACY VS. MyCalPAYS FIELDS

Legacy	MyCalPAYS
CalPERS Id	Employee SSN
Deduction Code	Wage type

VII. FIELD VALIDATION

Field	Required	Validations
SSN	X	Check if the SSN is there in MyCalPAYS for loading the record.